SPECIFICATIONS

**Optical Coherence Tomograpy**

High resolution OCT

Observation & Photography of Fundus Image

Photography type: Color, Red-free

Picture Angle: 45 degree optical or better

Photographable Normal pupil diameter: φ4.5mm

Diameter of Pupil Small pupil diameter: φ3.5mm

Observation & photographing of the fundus tomogram

Scan Speed: 50,000 A-Scans per second or more

Lateral Resolution: 20μm or less

In-depth Resolution 8μm or less

Fixation Target: Internal and External fixation target

Observation & photographing of anterior segment

Upgradable to OCT Angiography

Different modes of capture

* Cataract Mode
* Ganglion Cell
* Macula
* RNFL

Computer analysis software

Certification: Any Two Certificates ( FDA, CE and MHLW )

System Configuration:

Main console unit

Anterior Segment Attachment

Instrument motorized stand with large table top

PC for OCT

LED Monitor

Color Printer

Digital Slit Lamp

Binocular slit lamp for ophthalmology examination

Type: Galelian converging binocular with magnification

Magnification 10x, 16x, 25x

IPD adjustable

Slit width continuously variable

Slit length continuously variable

Filters Red free, Cobalt blue, Neutral density

Slit rotation continuous

Slit tilt 0, 5, 10, 15, 20 degrees

Light source white LED

Base with joystick with movement control in XYZ axis

Patient Fixation Light

Applanation tonometer

Motorized Stand

Video recording system

Built in digital camera system

Still capture of images and video recording capability

PC for saving the images and videos

LED monitor

Certification: Any Two certificates ( FDA, CE and MHLW )